

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/578,291-Conf. #6831
				Filing Date	February 5, 2007
				First Named Inventor	Tsvee Lapidot
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	1	of	6	Attorney Docket Number	30694/42021

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-RE33,653	07-30-1991	Mark et al.	
	A2	US-4,588,585	05-13-1986	Mark et al.	
	A3	US-4,737,462	04-12-1988	Mark et al.	
	A4	US-4,873,316	10-10-1989	Meade et al.	
	A5	US-4,879,111	11-07-1989	Chong	
	A6	US-4,904,584	02-27-1990	Shaw	
	A7	US-4,959,314	09-25-1990	Mark et al.	
	A8	US-4,965,195	10-23-1990	Namen et al.	
	A9	US-5,017,691	05-21-1991	Schering Corporation	
	A10	US-5,116,743	05-26-1992	Goto et al.	
	A11	US-5,486,359	01-23-1996	Caplan et al.	
	A12	US-5,837,539	11-17-1998	Caplan et al.	
	A13	US-5,843,780	12-01-1998	Thomson	
	A14	US-5,928,638	07-27-1999	Uchida et al.	
	A15	US-6,090,622	07-18-2000	Gearhart et al.	
	A16	US-6,132,708	10-17-2000	Grompe	
	A17	US-6,143,292	11-07-2000	Slavin et al.	
	A18	US-6,184,035	02-06-2001	Csete et al.	
	A19	US-6,248,587	06-19-2001	Rodgers et al.	
	A20	US-6,258,597	07-10-2001	Bachovchin et al.	
	A21	US-6,280,718	08-28-2001	Kaufman et al.	
	A22	US-6,326,198	12-04-2001	Emerson et al.	
	A23	US-6,383,481	05-07-2002	Ikehara et al.	
	A24	US-6,436,704	08-20-2002	Roberts et al.	
	A25	US-6,447,765	09-10-2002	Horwitz	
	A26	US-6,447,766	09-10-2002	Pelus et al.	
	A27	US-6,511,958	01-28-2003	Atkinson et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	EP-0264166	04-20-1988	Integrated Genetics Inc.		

Examiner Signature	/Scott Long/ (03/19/2009)	Date Considered	03/19/2009
-----------------------	---------------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.L./

Substitute for form 1449/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/578,291-Conf. #6831		
		Filing Date	February 5, 2007		
		First Named Inventor	Tsvee Lapidot		
		Art Unit	1614		
		Examiner Name	Not Yet Assigned		
Sheet	2	of	6	Attorney Docket Number	30694/42021

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	ABKOWITZ et al., Mobilization of hematopoietic stem cells during homeostasis and after cytokine exposure, Blood, 102:1249-1253, 2003.	
	C2	AIUTI et al., Correction of ADA-SCID by stem cell gene therapy combined with nonmyeloblastic conditioning, Science, 296:2410-2413, 2002.	
	C3	ALISON, Cell differentiation: hepatocytes from non-hepatic adult stem cells, Nature, 406:257, 2000.	
	C4	ANFINSEN, Principles that govern the folding of protein chains, Science, 181:223-230, 1973.	
	C5	AZIZI, Engraftment and migration of human bone marrow stromal cells implanted in the brains of albino rats - similarities to astrocyte grafts, Proc. Natl. Acad. Sci. (USA), 95:3908-3913, 1998.	
	C6	BANERJI et al., A lymphocyte-specific cellular enhancer is located downstream of the joining region in immunoglobulin heavy chain genes, Cell, 33:729-740, 1983.	
	C7	BARQUINERO et al., Efficient transduction of human hematopoietic repopulating cells generating stable engraftment of transgene-expressing cells in NOD/SCID mice, Blood, 95:3085-3093, 2000.	
	C8	BHATIA et al., Purification of primitive human hematopoietic cells capable of repopulating immune-deficient mice, Proc. Natl. Acad. Sci. (USA), 94:5320-5325, 1997.	
	C9	BJORNSEN et al., Turning brain into blood: a hematopoietic fate adopted by adult neural stem cells <i>in vivo</i> , Science, 283:534-537, 1999.	
	C10	BLEUL et al., A highly efficacious lymphocyte chemoattractant, stromal cell-derived factor 1 (SDF-1), J. Exp. Med., 184:1101-1109, 1996.	
	C11	BONGSO et al., Improved quality of human embryos when co-cultured with human ampullary cells, Hum. Reprod., 4:706-713, 1989.	
	C12	BRELOT et al., Identification of residues of CXCR4 critical for human immunodeficiency virus coreceptor and chemokine receptor activities, J. Biol. Chem., 275:23736-23744, 2000.	
	C13	BROXMEYER et al., Enhanced myelopoiesis in sdf-1-transgenic mice: sdf-1 modulates myelopoiesis by regulating progenitor cell survival and inhibitory effects of myelosuppressive chemokines [abstract 2886], Blood, 94:650a, 1999.	
	C14	BROXMEYER et al., Stromal cell-derived factor-1/CXCL12 directly enhances survival/antiapoptosis of myeloid progenitor cells through CXCR4 and Gai proteins and enhances engraftment of competitive, repopulating stem cells, J. Leukoc. Biol., 73:630-638, 2003.	
	C15	BYRNE et al., Multiplex gene regulation: a two-tiered approach to transgene regulation in transgenic mice, Proc. Natl. Acad. Sci. (USA), 86:5473-5477, 1989.	
	C16	CALAME et al., Transcriptional controlling elements in the immunoglobulin and T cell receptor loci, Adv. Immunol., 43:235-275, 1988.	
	C17	CARTRON et al., Quantitative and qualitative analysis of the human primitive progenitor cell compartment after autologous stem cell transplantation, J. Hematother. Stem Cell Res., 11:359-368, 2002.	
	C18	CASHMAN et al., Changes in the proliferative activity of human hematopoietic stem cells in NOD/SCID mice and enhancement of their transplantability after <i>in vivo</i> treatment with cell cycle inhibitors, J. Exp. Med., 196:1141-1149, 2002.	
	C19	CASHMAN et al., Stromal-derived factor 1 inhibits the cycling of very primitive human hematopoietic cells <i>in vitro</i> and in NOD/SCID mice, Blood, 99:792-799, 2002.	

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/578,291-Conf. #6831		
		Filing Date	February 5, 2007		
		First Named Inventor	Tsvee Lapidot		
		Art Unit	1614		
		Examiner Name	Not Yet Assigned		
Sheet	3	of	6	Attorney Docket Number	30694/42021

C20	CAVAZZANA-CALVO et al., Gene therapy of human severe combined immunodeficiency (SCID)-X1 disease, Science, 288:669-672, 2000.	
C21	CHAN et al., Adhesion receptors on haematopoietic progenitor cells, Br. J. Haematol., 112:541-557, 2001.	
C22	DENNING-KENDALL et al., Cytokine expansion culture of cord blood CD34 ⁺ cells induces marked and sustained changes in adhesion receptor and CXCR4 expressions, Stem Cells, 21:61-70, 2003.	
C23	EDLUND et al., Cell-specific expression of the rat insulin gene: evidence for role of two distinct 5' flanking elements, Science, 230:912-916, 1985.	
C24	EGLITIS et al., Hematopoietic cells differentiate into both microglia and macroglia in the brains of adult mice, Proc. Natl. Acad. Sci. (USA), 94:4080-4085, 1997.	
C25	FORBES et al., Adult stem cell plasticity: new pathways of tissue regeneration become visible, Clin. Sci. (London), 103:355-369, 2002.	
C26	FÖRSTER et al., Intracellular and surface expression of the HIV-1 coreceptor CXCR4/fusin on various leukocyte subsets: rapid internalization and recycling upon activation, J. Immunol., 160:1522-1531, 1998.	
C27	GAO et al., Repopulation of liver endothelium by bone-marrow-derived cells, Lancet, 357:932-933, 2001.	
C28	GARDNER et al., Culture and transfer of human blastocysts increases implantation rates and reduces the need for multiple embryo transfers, Fertil. Steril., 69:84, 1998.	
C29	GIBELLINI et al., Stroma-derived factor 1 α induces a selective inhibition of human erythroid development via the functional upregulation of Fas/CD95 ligand, Br. J. Haematol., 111:432-440, 2000.	
C30	GRAFTE-FAURE et al., Recruitment of primitive peripheral blood cells: synergism of interleukin 12 with interleukin 6 and stromal cell-derived FACTOR-1, Cytokine, 12:1-7, 2000.	
C31	GRANTHAM, Amino acid difference formula to help explain protein evolution, Science, 185:862-864, 1974.	
C32	GUENECHEA et al., Transduction of human CD34 ⁺ CD38 ⁻ bone marrow and cord blood-derived SCID-repopulating cells with third generation lentiviral vectors, Mol. Ther., 1:566-573, 2000.	
C33	HALL et al., Decreased homing of retrovirally transduced human bone marrow CD34 ⁺ cells in the NOD/SCID mouse model, Exp. Hematol., 34:433-442, 2006.	
C34	HAO et al., Extended long-term culture reveals a highly quiescent and primitive human hematopoietic progenitor population, Blood, 88:3306-3313, 1996.	
C35	HATTORI et al., Plasma elevation of stromal-derived factor-1 induces mobilization of mature and immature hematopoietic progenitor and stem cells, Blood, 97:3354-3360, 2001.	
C36	International Preliminary Report on Patentability, PCT/IL2004/001018, European Patent Office, completed 21 November 2005.	
C37	International Search Report, PCT/IL2004/001018, European Patent Office, completed 15 April 2005.	
C38	JACKSON et al., Regeneration of ischemic cardiac muscle and vascular endothelium by adult stem cells, J. Clin. Invest., 107:1395-1402, 2001.	
C39	JANKOWSKA-WIECZOREK et al., Autocrine/paracrine mechanisms in human hematopoiesis, Stem Cells, 19:99-107, 2001.	
C40	KAHN et al., Overexpression of CXCR4 on human CD34 ⁺ progenitors increases their proliferation, migration, and NOD/SCID repopulation, Blood, 103:2942-2949, 2004.	
C41	KANG et al., Persistent low-level engraftment of rhesus peripheral blood progenitor cells transduced with the fanconi anemia C gene after conditioning with low-dose irradiation, Mol. Ther., 3:911-919, 2001.	

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/578,291-Conf. #6831		
		Filing Date	February 5, 2007		
		First Named Inventor	Tsvee Lapidot		
		Art Unit	1614		
		Examiner Name	Not Yet Assigned		
Sheet	4	of	6	Attorney Docket Number	30694/42021

C42	KAWABATA et al., A cell-autonomous requirement for CXCR4 in long-term lymphoid and myeloid reconstitution, <i>Proc. Natl. Acad. Sci. (USA)</i> , 96:5663-5667, 1999.
C43	KOLLET et al., HGF, SDF-1, and MMP-9 are involved in stress-induced human CD34 ⁺ stem cell recruitment to the liver, <i>J. Clin. Invest.</i> , 112:160-169, 2003.
C44	KOLLET et al., Human CD34 ⁺ CXCR4 ⁺ sorted cells harbor intracellular CXCR4, which can be functionally expressed and provide NOD/SCID repopulation, <i>Blood</i> , 100:2778-2786, 2002.
C45	KOLLET et al., Rapid and efficient homing of human CD34 ⁺ CD38 ^{-low} CXCR4 ⁺ stem and progenitor cells to the bone marrow and spleen of NOD/SCID and NOD/SCID/B2m ^{null} mice, <i>Blood</i> , 97:3283-3291, 2001.
C46	KRAUSE et al., Multi-organ, multi-lineage engraftment by a single bone marrow-derived stem cell, <i>Cell</i> , 105:369-377, 2001.
C47	LAGAAILJ, Endothelial cell chimerism after renal transplantation and vascular rejection, <i>Lancet</i> , 357:33-37, 2001.
C48	LAGASSE, Purified hematopoietic stem cells can differentiate into hepatocytes <i>in vivo</i> , <i>Nat. Med.</i> , 6:1229-1234, 2000.
C49	LAPIDOT et al., The essential roles of the chemokine SDF-1 and its receptor CXCR4 in human stem cell homing and repopulation of transplanted immune-deficient NOD/SCID and NOD/SCID/B2m ^{null} mice, <i>Leukemia</i> , 16:1992-2003, 2002.
C50	LATAILLADE et al., Chemokine SDF-1 enhances circulating CD34 ⁺ cell proliferation in synergy with cytokines: possible role in progenitor survival, <i>Blood</i> , 95:756-768, 2000.
C51	LATAILLADE et al., Stromal cell-derived factor 1 regulates primitive hematopoiesis by suppressing apoptosis and by promoting G ₀ /G ₁ transition in CD34 ⁺ cells: evidence for an autocrine/paracrine mechanism, <i>Blood</i> , 99:1117-1129, 2002.
C52	LEVESQUE et al., SDF-1a is inactivated by proteolytic cleavage in the bone marrow of mice mobilized by either G-CSF or cyclophosphamide, <i>Blood</i> , 98:831a, 2001.
C53	LOUACHE et al., Expression of CD4 by human hematopoietic progenitors, <i>Blood</i> , 84:3344-3355, 1994.
C54	MA et al., Impaired B-lymphopoiesis, myelopoiesis, and derailed cerebellar neuron migration in CXCR4 ⁺ and SDF-1-deficient mice, <i>Proc. Natl. Acad. Sci. (USA)</i> , 95:9448-9453, 1998.
C55	MA et al., The chemokine receptor CXCR4 is required for the retention of B lineage and granulocytic precursors within the bone marrow microenvironment, <i>Immunity</i> , 10:463-471, 1999.
C56	MEZEY et al., Turning blood into brain: cells bearing neuronal antigens generated <i>in vivo</i> from bone marrow, <i>Science</i> , 290:1779-1782, 2000.
C57	MIYOSHI et al., Transduction of human CD34 ⁺ cells that mediate long-term engraftment of NOD/SCID mice by HIV vectors, <i>Science</i> , 283:682-686, 1999.
C58	MOORE et al., Mobilization of endothelial and hematopoietic stem and progenitor cells by adenovector-mediated elevation of serum levels of SDF-1, VEGF, and angiopoietin-1, <i>Ann. NY Acad. Sci.</i> , 938:36-45, 45-37, 2001.
C59	MORRISON et al., The biology of hematopoietic stem cells, <i>Annu. Rev. Cell. Dev. Biol.</i> , 11:35-71, 1995.
C60	NAGASAWA et al., Defects of B-cell lymphopoiesis and bone-marrow myelopoiesis in mice lacking the CXC chemokine PBSF/SDF-1, <i>Nature</i> , 382:635-638, 1996.
C61	NALDINI et al., <i>In vivo</i> gene delivery and stable transduction of nondividing cells by a lentiviral vector, <i>Science</i> , 272:263-267, 1996.
C62	ORLIC et al., Bone marrow cells regenerate infarcted myocardium, <i>Nature</i> , 410:701-705, 2001.
C63	PAPAYANNOPOULOU, Bone marrow homing: the players, the playfield, and their evolving roles, <i>Curr. Opin. Hematol.</i> , 10:214-219, 2003.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/578,291-Conf. #6831
				Filing Date	February 5, 2007
				First Named Inventor	Tsvee Lapidot
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	5	of	6	Attorney Docket Number	30694/42021

C64	PELED et al., Dependence of human stem cell engraftment and repopulation of NOD/SCID mice on CXCR4, <i>Science</i> , 283:845-848, 1999.	
C65	PETERSEN et al., Bone marrow as a potential source of hepatic oval cells, <i>Science</i> , 284: 1168-1170, 1999.	
C66	PETIT et al., G-CSF induces stem cell mobilization by decreasing bone marrow SDF-1 and up-regulating CXCR4, <i>Nat. Immunol.</i> , 3: 687-694, 2002.	
C67	PINKERT et al., An albumin enhancer located 10 kb upstream functions along with its promoter to direct efficient, liver-specific expression in transgenic mice, <i>Genes Dev.</i> , 1:268-277, 1987.	
C68	PODESTA et al., Deficient reconstitution of early progenitors after allogeneic bone marrow transplantation, <i>Bone Marrow Trans.</i> , 19:1011-1017, 1997.	
C69	PODESTA, Transplantation hematopoiesis, <i>Curr. Opin. Hematol.</i> , 8:331-336, 2001.	
C70	PONOMARYOV et al., Induction of the chemokine stromal-derived factor-1 following DNA damage improves human stem cell function, <i>J. Clin. Invest.</i> , 106:1331-1339, 2000.	
C71	POULSOM et al., Bone marrow contributes to renal parenchymal turnover and regeneration, <i>J. Pathol.</i> , 195:229-235, 2001.	
C72	RUSTEN et al., TNF- α and TGF-13 potently upregulate the expression of CXCR4 on peripheral blood progenitor cells, <i>Blood</i> , 94:252a, 2000.	
C73	SAWADA et al., Disturbed CD4 ⁺ T cell homeostasis and <i>in vitro</i> HIV-1 susceptibility in transgenic mice expressing T cell line-tropic HIV-1 receptors, <i>J. Exp. Med.</i> , 187:1439-1449, 1998.	
C74	SELLERI et al., Long-lasting decrease of marrow and circulating long-term culture initiating cells after allogeneic bone marrow transplant, <i>Bone Marrow Trans.</i> , 23:1029-1037, 1999.	
C75	SHAMBLOTT et al., Derivation of pluripotent stem cells from cultured human primordial germ cells, <i>Proc. Natl. Acad. Sci. (USA)</i> , 95:13726-13731, 1998.	
C76	SHEN et al., CXCR-4 desensitization is associated with tissue localization of hemopoietic progenitor cells, <i>J. Immunol.</i> , 166:5027-5033, 2001.	
C77	SHEN et al., Molecular basis of transdifferentiation of pancreas to liver, <i>Nat. Cell Biol.</i> , 2:879-887, 2000.	
C78	SIGNORET et al., Phorbol esters and SDF-1 induce rapid endocytosis and down modulation of the chemokine receptor CXCR4, <i>J. Cell Biol.</i> , 139:651-664, 1997.	
C79	SPENCER et al., Enumeration of bone marrow 'homing' haemopoietic stem cells from G-CSF-mobilised normal donors and influence on engraftment following allogeneic transplantation, <i>Bone Marrow Trans.</i> , 28:1019-1022, 2001.	
C80	SUTTON et al., Transduction of human progenitor hematopoietic stem cells by human immunodeficiency virus type 1-based vectors is cell cycle dependent, <i>J. Virol.</i> , 73:3649-3660, 1999.	
C81	SWEENEY et al., Sulfated polysaccharides increase plasma levels of SDF-1 in monkeys and mice: involvement in mobilization of stem/progenitor cells, <i>Blood</i> , 99:44-51, 2002.	
C82	THIESE et al., Liver from bone marrow in humans, <i>Hepatology</i> , 32:11-16, 2000.	
C83	THOMSON et al., Primate embryonic stem cells, <i>Curr. Topics Dev. Biol.</i> , 38:133-165, 1998.	
C84	THOMSON et al., Isolation of a primate embryonic stem cell line, <i>Proc. Natl. Acad. Sci. (USA)</i> , 92: 7844-7848, 1995.	
C85	THOMSON et al., Embryonic stem cell lines derived from human blastocysts, <i>Science</i> , 282: 1145-1147, 1998.	
C86	TOMITA et al., Autologous transplantation of bone marrow cells improves damaged heart function, <i>Circulation</i> , 100:II247-II256, 1999.	

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/578,291-Conf. #6831		
		Filing Date	February 5, 2007		
		First Named Inventor	Tsvee Lapidot		
		Art Unit	1614		
		Examiner Name	Not Yet Assigned		
Sheet	6	of	6	Attorney Docket Number	30694/42021

C87	VOERMANS et al., <i>In vitro</i> migratory capacity of CD34 ⁺ cells is related to hematopoietic recovery after autologous stem cell transplantation, Blood, 97:799-804, 2001.	
C88	WAGSTAFF et al., Gene transfer using a disabled herpes virus vector containing the EMCV IRES allows multiple gene expression <i>in vitro</i> and <i>in vivo</i> , Gene Ther., 5:1566-1570, 1998.	
C89	WANG et al., SCID-repopulating cell activity of human cord blood-derived CD34 ⁺ cells assured by intra-bone marrow injection, Blood, 101:2924-2931, 2003.	
C90	WANG et al., Liver repopulation and correction of metabolic liver disease by transplanted adult mouse pancreatic cells, Am. J. Pathol., 158:571-579, 2001.	
C91	WEISSMAN, Stem cells: units of development, units of regeneration, and units in evolution, Cell, 100:157-168, 2000.	
C92	WHETTON et al., Homing and mobilization in the stem cell niche, Trends Cell Biol., 9: 233-238, 1999.	
C93	WILLIAMS et al., Host repopulation of the endothelium in allografts of kidneys and aorta, Surg. Forum, 20:293-294, 1969.	
C94	WINOTO et al., A novel, inducible and T cell-specific enhancer located at the 3' end of the T cell receptor alpha locus, EMBO J., 8:729-733, 1989.	
C95	WOODBURY et al., Adult rat and human bone marrow stromal cells differentiate into neurons, J. Neurosci. Res., 61:364-370, 2000.	
C96	WOODS et al., Lentiviral gene transfer into primary and secondary NOD/SCID repopulating cells, Blood, 96:3725-3733, 2000.	
C97	WRIGHT et al., Hematopoietic stem cells are uniquely selective in their migratory response to chemokines, J. Exp. Med., 195:1145-1154, 2002.	
C98	WRIGHT et al., Physiological migration of hematopoietic stem and progenitor cells, Science, 294:1933-1936, 2001.	
C99	Written Opinion of the International Searching Authority, PCT/IL2004/001018, European Patent Office, completed 15 April 2005.	
C100	YAHATA et al., A highly sensitive strategy for SCID-repopulating cell assay by direct injection of primitive human hematopoietic cells into NOD/SCID mice bone marrow, Blood, 101:2905-2913, 2003.	
C101	ZUFFEREY et al., Multiply attenuated lentiviral vector achieves efficient gene delivery <i>in vivo</i> , Nat. Biotechnol., 15:871-875, 1997.	

Examiner Signature	/Scott Long/ (03/19/2009)	Date Considered	03/19/2009
--------------------	---------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.L./